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Total No. of Pages : 02

Total No. of Questions : 09

**B.Voc. (Software Development) (Sem.-2)**  
**OBJECT ORIENTED PROGRAMMING SYSTEM WITH JAVA**

Subject Code : 5.GV.07

M.Code : 77039

Date of Examination : 08-07-22

Time : 3 Hrs.

Max. Marks : 30

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½ (Two and Half) marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Write briefly :**

- a) What are data types?
- b) Define Type Casting.
- c) Discuss briefly the need of static members.
- d) How method overriding is carried out?
- e) What is meant by two dimensional Arrays?
- f) How a class is added to a package?
- g) What is main thread?
- h) Comment on thread exceptions.
- i) Name any two functions of the Applet class.
- j) Discuss the method of executing an Applet.

## SECTION-B

2. What are Relational operators? Write a Java code to demonstrate the working of relational operators. 2.5
3. Discuss the usage of Finalize method by writing a Java code snippet. 2.5
4. Explain the following concepts :
  - a) String 1
  - b) Hiding Classes 1.5
5. Explain different methods for maintaining Threads. 2.5
6. Write a simple Applet code for getting input from user. 2.5

## SECTION-C

7. What is while-loop statement? Write a Java code for finding whether a number is Prime or not using while loop. 5
8. Discuss the following concepts for object oriented programming :
  - a) Creating Objects 2
  - b) Visibility Control 3
9. Write short notes on the following concepts :
  - a) Stopping and Blocking a Thread. 2
  - b) Adding an Applet to HTML file. 3

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**